

## SERVICE INSTALLATION CHECKLIST

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 12/1/2015, 12/2/2015, 12/3/2015, 12/4/2015	Man Days: 4
Inspection Unit: Belleville/E. St. Louis	
Location of Audit: Belleville/O'Fallon	
Exit Meeting Contact: Chuck Tebbe	
Inspection Type: Design Testing and Construction	
Pipeline Safety Representative(s): Valerie Schwing	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

### CONSTRUCTION INFORMATION

Location of Construction: 40 Tucker, Caseyville IL	Construction Performed By: Ameren Illinois	
Contractor Foreman:		
Operator Inspector:		
Person(s) On Job Site		
Prescott Whittaker	Aaron Sanders	Jack Chandler
Description of Construction: Ameren Illinois crew installed approximately 215 feet of 1 inch PE service line from a 4 inch PE main.		

### SERVICE INSTALLATION

SERVICE INSTALLATION		Status
[192.55]	Steel	No
[192.59]	PE	Yes
[192.59]	Other	No
[192.619,192.621,192.623]	MAOP	60 PSI
[192.5]	Class location :	1
[192.53]	Are components qualified for use?	Satisfactory
[192.63(a)(2)]	Pipe Size :	1"

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[192.55,192.59]	Specification :	<b>ASTM 2513</b>
[192.55,192.59]	Manufacturer :	<b>DriscoPlex</b>
[192.55,192.59]	Pipe Grade :	<b>2406/2708</b>
[192.55,192.59]	Wall Thickness :	<b>DR 11</b>
[192.63]	Are pipe, valves, and fittings properly marked for identification?	<b>Satisfactory</b>
[192.227]	Welder qualification date:	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Metallic pipe was not installed or exposed.</i>		
[192.227]	Welder's Name:	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Metallic pipe was not installed or exposed.</i>		
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff observed the joiner making electrofusions in accordance to the operator's POLY 2.05 procedures.</i>		
[192.285]	Date of Qualification :	<b>3/11/15</b>
[192.285]	Joiner's name:	<b>Jack Chandler</b>
[192.455]	Is buried metallic pipe coated?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Metallic pipe was not installed or exposed.</i>		
[192.455(a)(1)]	Is cathodic protection being provided?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Metallic pipe was not installed or exposed.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	<b>No</b>
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	<b>No</b>
[192.461]	Does coating meet 192.461?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Metallic pipe was not installed or exposed.</i>		
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Metallic pipe was not installed or exposed.</i>		
[192.479]	Are above ground facilities cleaned and coated or jacketed as	<b>Not Applicable</b>

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	needed?	
<b><u>General Comment:</u></b> <i>Metallic pipe was not installed or exposed.</i>		
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Metallic pipe was not installed or exposed.</i>		
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff observed the use of sand to provide firm support and prevent damage to the pipe.</i>		
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff observed the use of sand to provide firm support and prevent damage to the pipe.</i>		
[192.321]	Does plastic pipe have means of locating while underground?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff observed the Ameren crew install a coated tracer wire in accordance to the operator's POLY 1 procedures.</i>		
[192.327(a)]	Is required cover being obtained for the service line?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff observed the Ameren crew install the 1 inch service line with a cover of 19 inches in accordance with the operator's SERV 1 procedures.</i>		
[192.503]	Are general testing requirements being met?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff observed a pressure test of 100 PSI held for ten minutes in accordance with the operator's PTST 1 procedures and leak tested in accordance with the operator's PTST 2.01 procedures.</i>		
[192.517]	Are records being made of strength and leak tests?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff observed a pressure test of 100 PSI held for ten minutes in accordance with the operator's PTST 1 procedures and leak tested in accordance with the operator's PTST 2.01 procedures.</i>		
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff reviewed the qualifications of the joiner and the journeyman Prescott Whitter to ensure the span of control limitations were followed and non-qualified personnel were being directed.</i>		
[192.805(c)]	Were non-qualified personnel being directed and observed by a qualified individual?	<b>Satisfactory</b>

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<b><u>General Comment:</u></b>		
Staff reviewed the qualifications of the joiner and the journeyman Prescott Whitter to ensure the span of control limitations were followed and non-qualified personnel were being directed.		
[192.805(c)]	Were span of control limitations being followed?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
Staff reviewed the qualifications of the joiner and the journeyman Prescott Whitter to ensure the span of control limitations were followed and non-qualified personnel were being directed.		
Was a Protocol 9 (Form 15) Completed?		<b>No</b>
[192.614]	Were One Call Notifications performed as required?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
Staff reviewed the dig ticket number X003230301 with a dig start date of 11/23/15 08:15 and expiration date of 12/16/15 23:59. Staff observed markings in accordance to the dig ticket.		
[192.614]	Dig Ticket #	<b>X3230301</b>
[192.383(b)]	Is an EFV installed on any new or replaced service line serving a single-family residence?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
Staff observed an EFV installed in accordance with the operator's SERV 2.02 procedures.		
[192.751]	Are adequate steps taken to minimize the potential for accidental ignition?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
Staff observed a fire extinguisher placed by the excavation site.		

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